

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) An apparatus for deploying new services on a service node in a telecommunications network, comprising:

a ~~service administration~~ first component configured to:

receive customer order data ~~from a legacy system, the service administration component also configured to, and~~

generate a request for a service object based on the customer order data;

and

a ~~service creation~~ second component coupled to the ~~service administration~~ first component, the ~~service creation~~ second component configured to:

receive the request for a service object from the ~~service administration~~ first component, ~~the service creation component also configured to, and~~

create a first service object based on the request for a service object;

wherein the ~~service administration component~~ apparatus is configured to send the first service object ~~generated by the service creation component~~ to a first service node ~~coupled to the service administration component.~~

38. (new) The apparatus of claim 1, further comprising the first service node, wherein the first service node is coupled to the first component and is configured to:  
deploy a telecommunications service based on the first service object.

39. (new) The apparatus of claim 38, wherein the first service node includes a data management component configured to implement the first service object.

40. (new) The apparatus of claim 38, wherein the first service node includes a resource manager coupled to the first component, the resource manager configured to specify types of service objects supported by the first service node.

41. (new) The apparatus of claim 38, wherein the first service node includes a service execution environment for implementing a service based on the first service object.

42. (new) The apparatus of claim 38, wherein the first service node includes a service node communication component configured to communicate with a second service node.

43. (new) The apparatus of claim 42, wherein the service node communication component is configured to transmit an availability of the first service object at the first service node to the second service node.

44. (new) The apparatus of claim 38, wherein the first service node includes a resource complex, the resource complex including a switch fabric.

45. (new) The apparatus of claim 1, wherein the second component includes a repository of service components that include service objects.

46. (new) The apparatus of claim 1, further comprising a system coupled to the first component, the system configured to generate the customer order data and send the customer order data to the first component.

47. (new) The apparatus of claim 1 wherein the first component includes an interface device for receiving service node resource capacity information.

48. (new) The apparatus of claim 1, wherein the first component includes a trigger mechanism configured to initiate activation of the first service object received by the first service node.

49. (new) An apparatus for deploying services in a telecommunications network, comprising:

a first component configured to:

receive customer order data, and

generate a request for a service object based on the customer order data;

a second component coupled to the first component, the second component configured to:

receive the request for a service object, and

create a first service object based on the received request; and

a first service node coupled to the first component, the first service node configured to:

receive the first service object, and

deploy a telecommunications service based on the first service object.

50. (new) The apparatus of claim 49, further comprising a system coupled to the first component, the system configured to generate the customer order data and send the customer order data to the first component.

51. (new) The apparatus of claim 49, wherein the first service node includes a resource manager configured to specify types of service objects supported by the first service node.

52. (new) The apparatus of claim 49, wherein the first service node includes a service execution environment for implementing a service based on the first service object.

53. (new) The apparatus of claim 49, wherein the first service node includes a service node communication component configured to communicate with a second service node and the service node communication component is configured to transmit an availability of the first service object at the first service node to the second service node.

54. (new) The apparatus of claim 49, wherein the first component includes an interface device for receiving service node physical resource capacity information.

55. (new) The apparatus of claim 49, wherein the first component includes a trigger mechanism configured to initiate activation of the first service object received by the first service node.

56. (new) The apparatus of claim 49, wherein the first service node includes an intelligent call processor.

57. (new) The apparatus of claim 49, wherein the first service node includes a resource complex, the resource complex including an intelligent peripheral.

58. (new) A method for deploying services in a telecommunications network, comprising:

receiving customer order data;

generating a request for a service object based on the customer order data;

creating a first service object based on the request; and

sending the first service object to a first service node.

59. (new) The method of claim 58, further comprising:

deploying a telecommunications service at the first service node based on the first service object.

60. (new) The method of claim 59, wherein the deploying a telecommunications service includes implementing the first service object at the first service node.

61. (new) The method of claim 58, further comprising:

receiving information specifying types of service objects supported by the first service node.

62. (new) The method of claim 58, further comprising:

transmitting, from the first service node, an availability of the first service object  
at the first service node to a second service node.

63. (new) The method of claim 58, further comprising:

generating the customer order data.

64. (new) The method of claim 58, further comprising:

initiating activation of the first service object received by the first service node  
based on a trigger event.

65. (new) A system, comprising:

a memory configured to store at least one object associated with a service in a  
telecommunications network;

a first component configured to distribute a first one of the at least one object  
stored in the memory; and

a first node configured to:

receive the first object distributed from the first component,

execute the first object to perform the service, and

transmit an availability of the first object to at least one other node.

66. (new) The system of claim 65, wherein the first component is further  
configured to:

receive customer data,

generate a request for an object based on the received customer data; the system further comprising:

a second component configured to:

receive the request from the first component,  
generate the first object based on the request, and  
forward the first object to the first component.